Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101119\

Quantitation Report (Not Reviewed)

Data File : VU035045.D
Acq On : 10 Oct 2019 13:56
Operator : JC/SP
Sample : K5268-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DBAW6

Quant Time: Oct 11 02:49:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	159672	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	158813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	62695	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	36915	3.91	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.20%			
7) Chloroethane-d5	1.68	69	37591	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.40%			
11) 1,1-Dichloroethene-d2	2.26	63	57314	2.88	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.60%#			
20) 2-Butanone-d5	4.17	46	147921	53.22	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.44%			
24) Chloroform-d	4.62	84	79270	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
26) 1,2-Dichloroethane-d4	5.29	65	51221	4.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.00%			
32) Benzene-d6	5.32	84	168423	4.52	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.40%			
36) 1,2-Dichloropropane-d6	6.31	67	63539	5.10	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.00%			
41) Toluene-d8	7.55	98	145877	4.05	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.00%			
43) trans-1,3-Dichloropropene-	7.84	79	18598	4.15	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.00%			
46) 2-Hexanone-d5	8.30	63	108612	50.97	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.94%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55813	5.32	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 106.40%			
64) 1,2-Dichlorobenzene-d4	11.85	152	56633	5.35	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.00%			

Target Compounds						Qvalue
3) Chloromethane	1.32	50	2596	0.162	ug/L	97
13) Acetone	2.31	43	2687	1.180	ug/L	93
25) Chloroform	4.65	83	12215	0.498	ug/L	100
34) Trichloroethene	6.17	95	11580	0.939	ug/L	95
35) Methylcyclohexane	6.31	83	14102	0.706	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7051	0.546	ug/L #	88
47) Tetrachloroethene	8.21	164	2048	0.205	ug/L	98
49) Dibromochloromethane	8.21	129	2181	0.220	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7746	0.927	ug/L	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 11 02:49:11 2019
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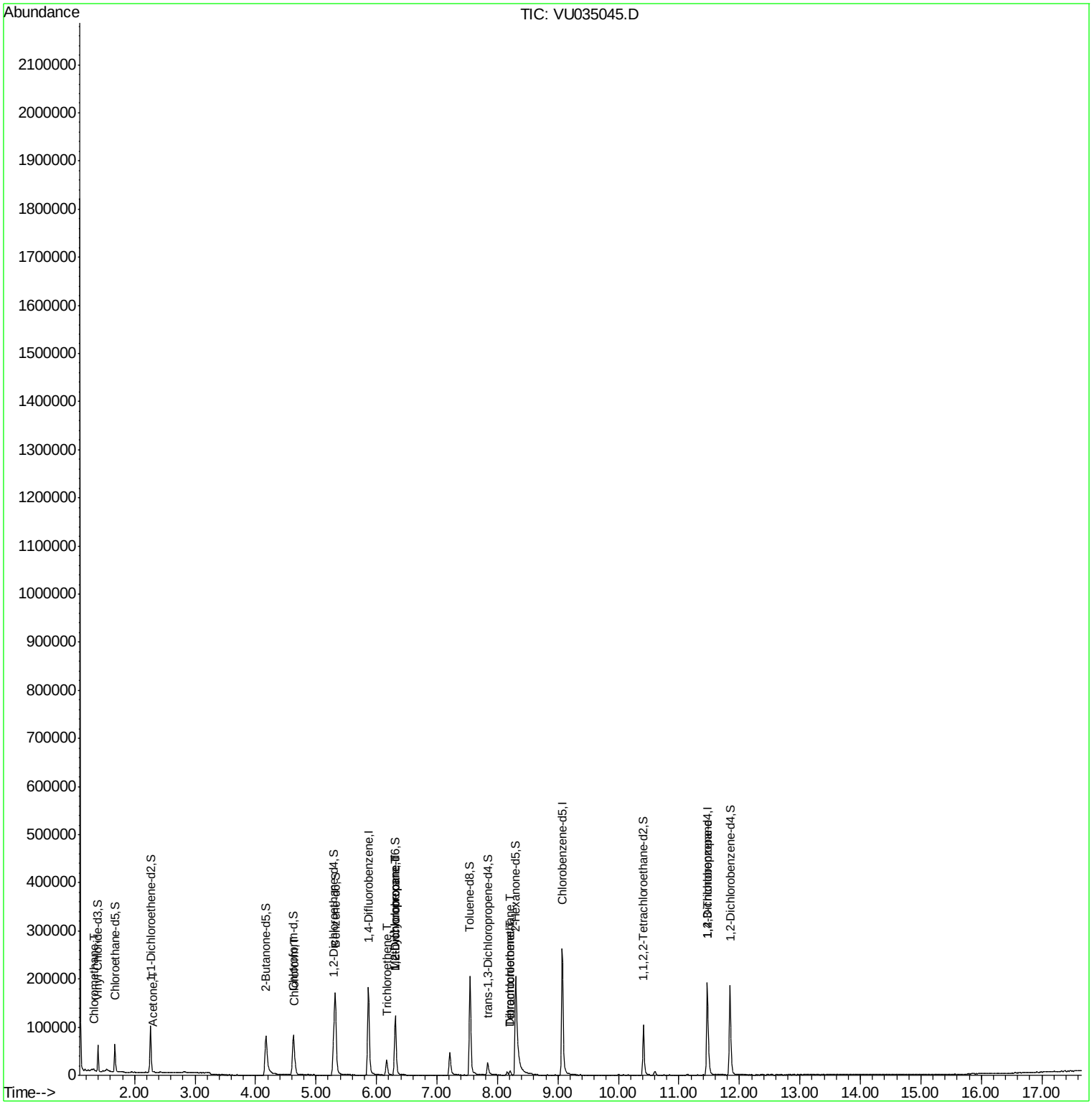
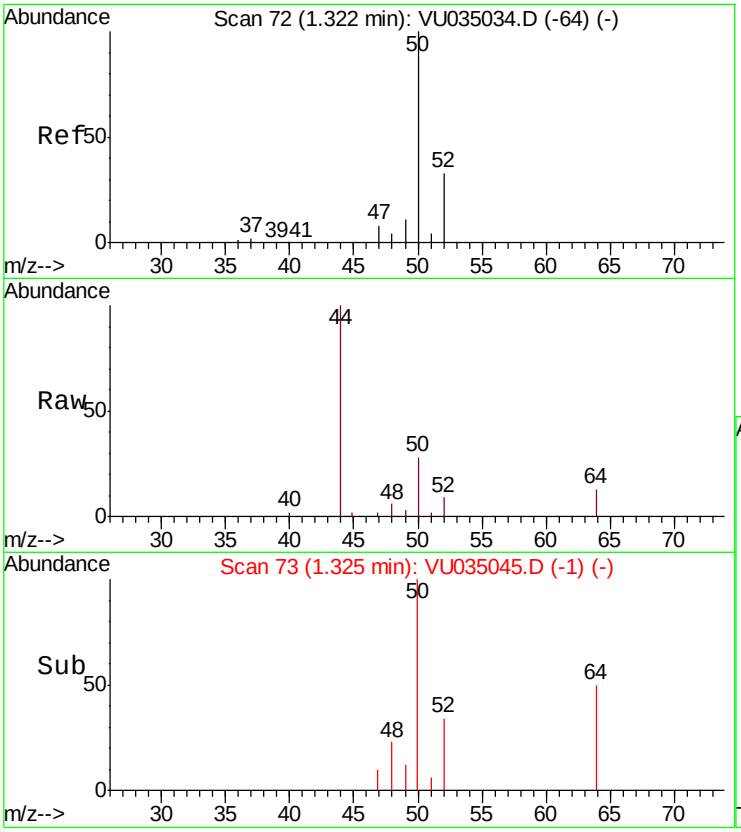
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 11 02:39:08 2019
Response via : Initial Calibration



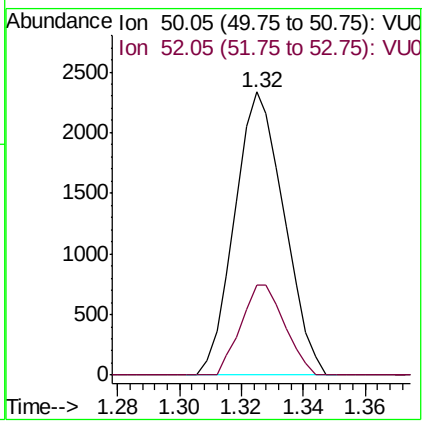


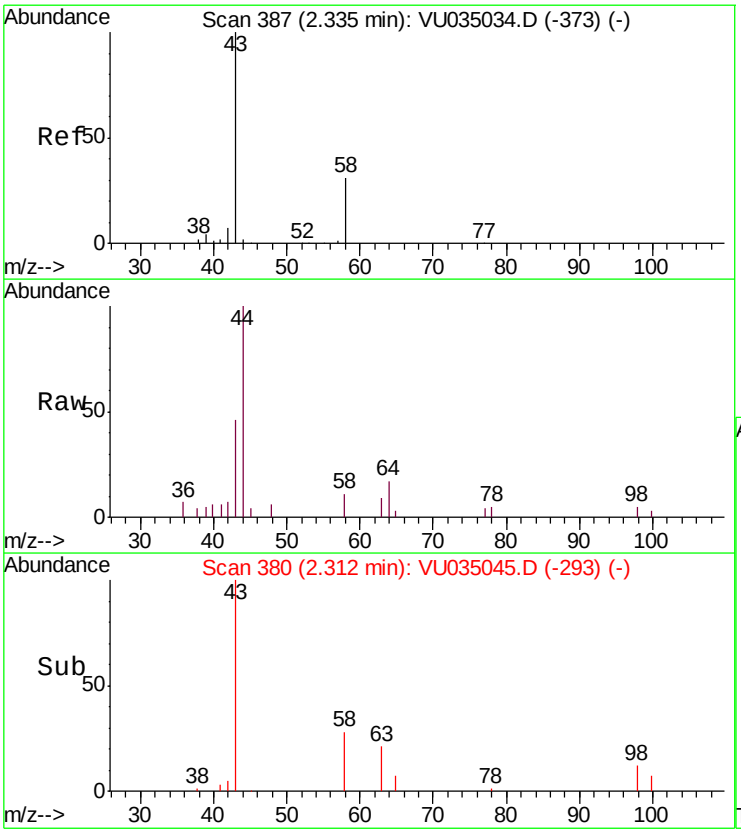
#3
Chloromethane
Concen: 0.162 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DBAW6

Tgt Ion: 50 Resp: 2596

Ion	Ratio	Lower	Upper
50	100		
52	31.8	23.3	43.3

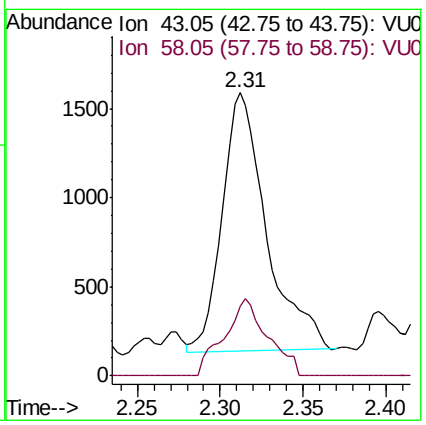


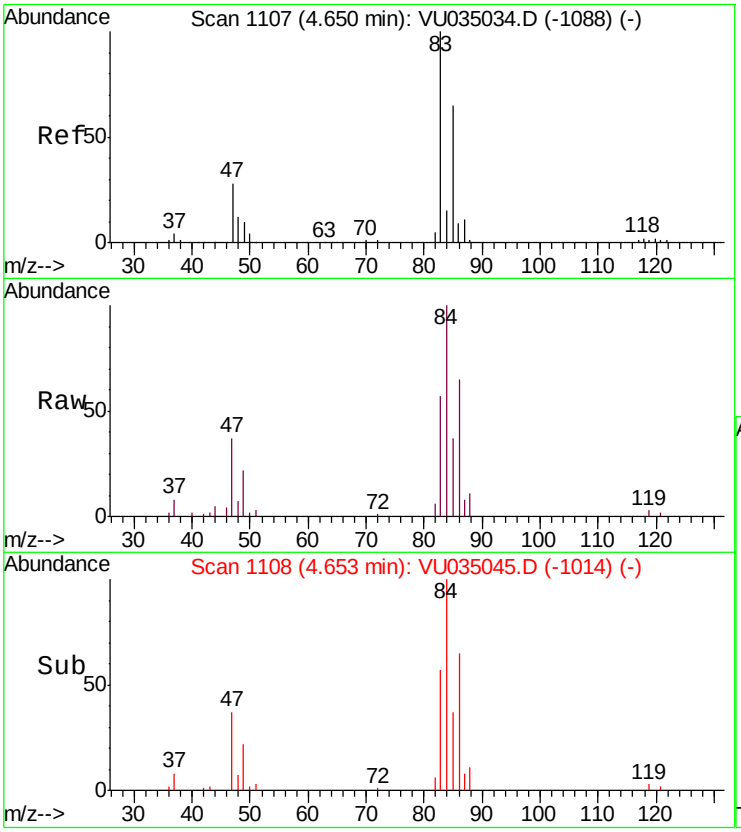


#13
Acetone
Concen: 1.180 ug/L
RT: 2.31 min Scan# 380
Delta R.T. -0.02 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Tgt Ion: 43 Resp: 2687

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	66.6



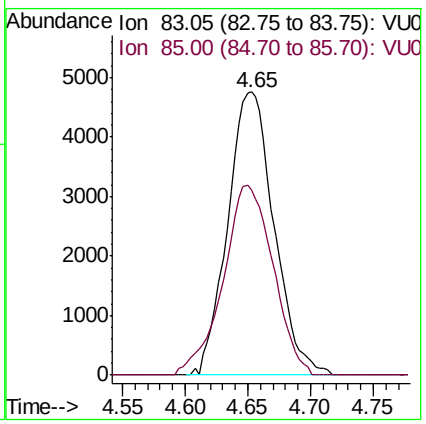


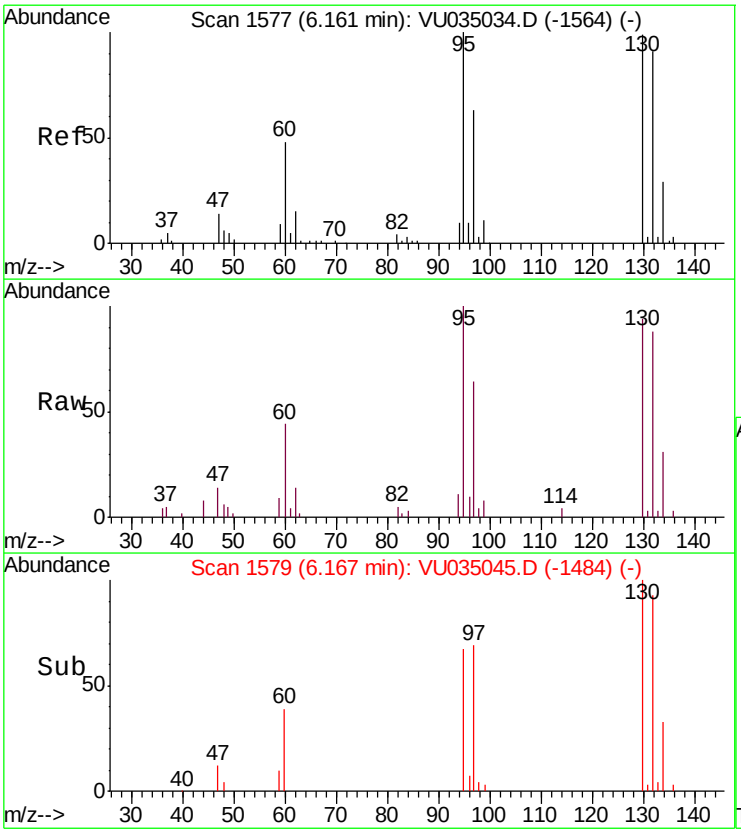
#25
Chloroform
Concen: 0.498 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Instrument : MSVOA_U
ClientSampleId : DBAW6

Tgt Ion: 83 Resp: 12215

Ion	Ratio	Lower	Upper
83	100		
85	65.1	45.4	84.4

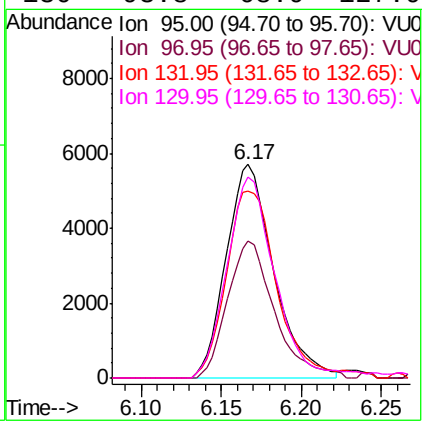


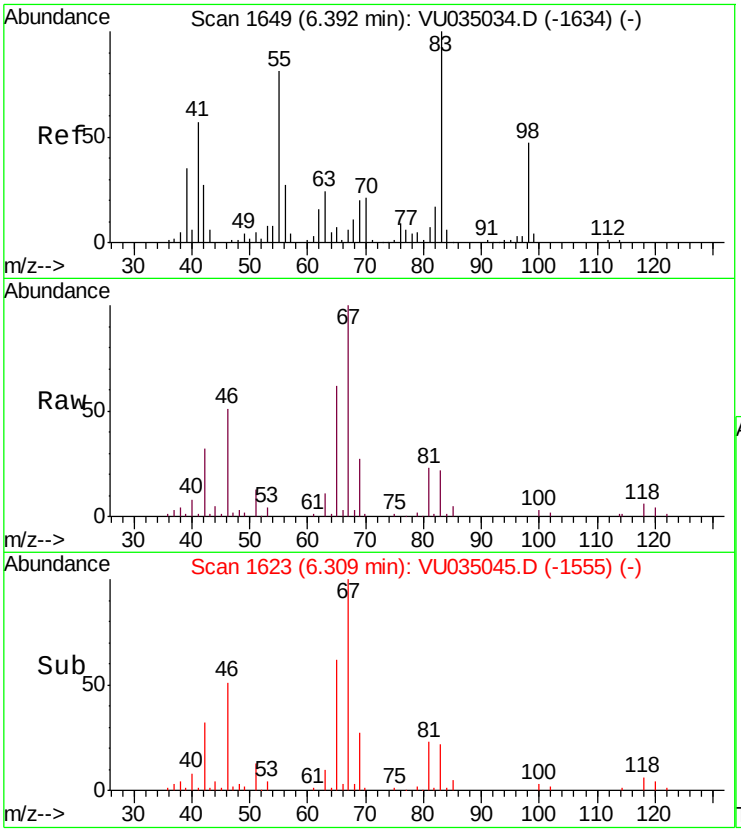


#34
Trichloroethene
Concen: 0.939 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Tgt Ion: 95 Resp: 11580

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.5	82.7
132	87.6	66.6	123.8
130	93.8	68.9	127.9



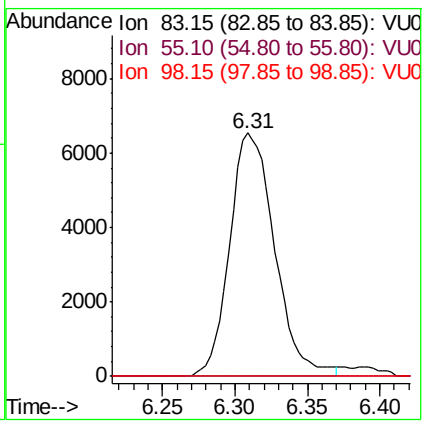


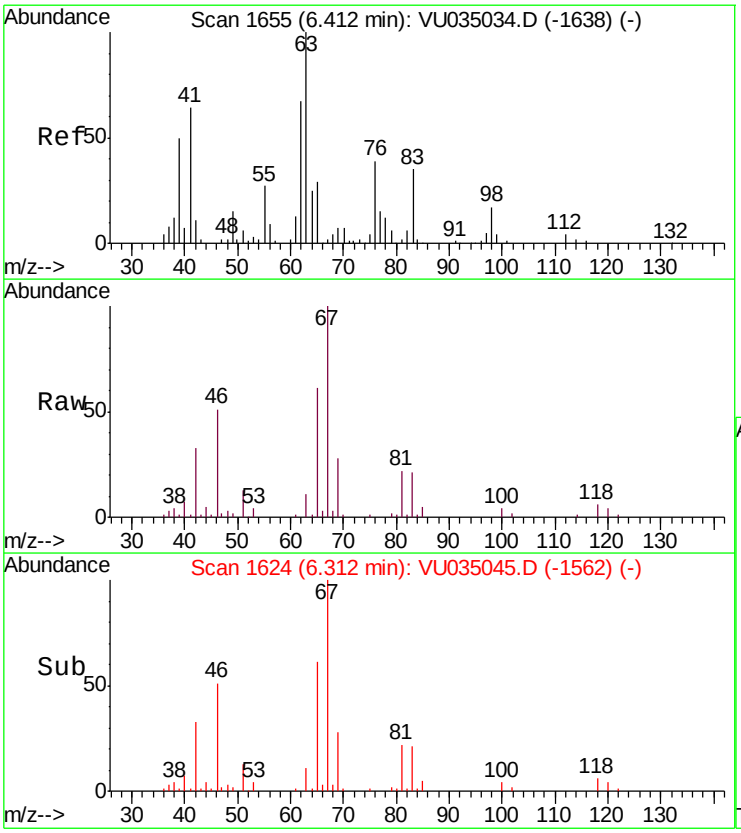
#35
Methylcyclohexane
Concen: 0.706 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.08 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Instrument : MSVOA_U
ClientSampleId : DBAW6

Tgt Ion: 83 Resp: 14102

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	1.3	36.2	54.2#

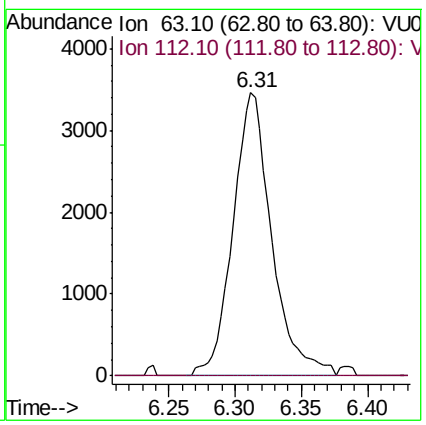


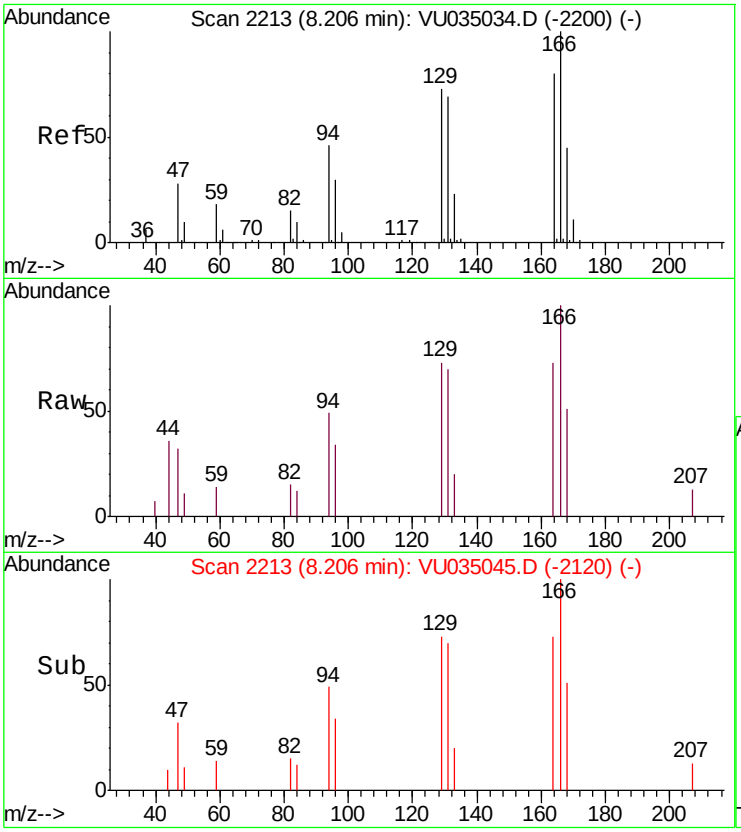


#37
1,2-Dichloropropane
Concen: 0.546 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Tgt Ion: 63 Resp: 7051

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.1	4.7#



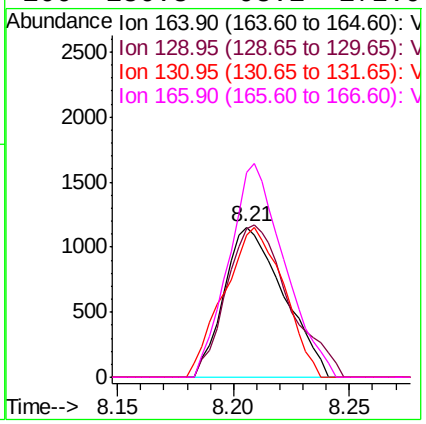


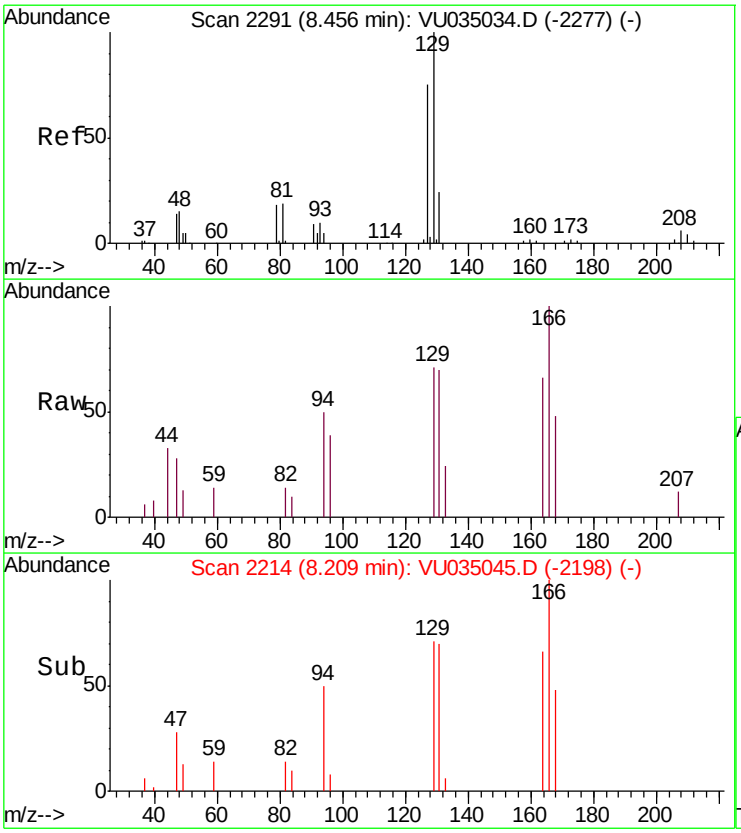
#47
Tetrachloroethene
Concen: 0.205 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DBAW6

Tgt Ion:164 Resp: 2048

Ion	Ratio	Lower	Upper
164	100		
129	99.2	68.5	127.1
131	94.7	67.3	124.9
166	136.3	93.1	172.9

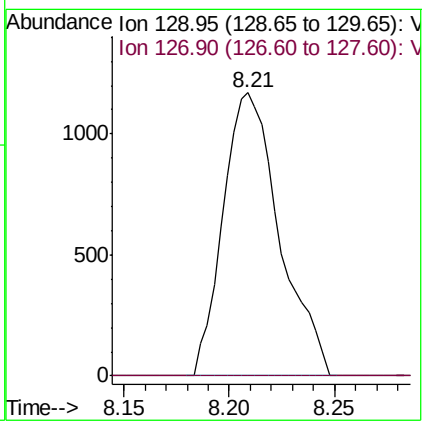


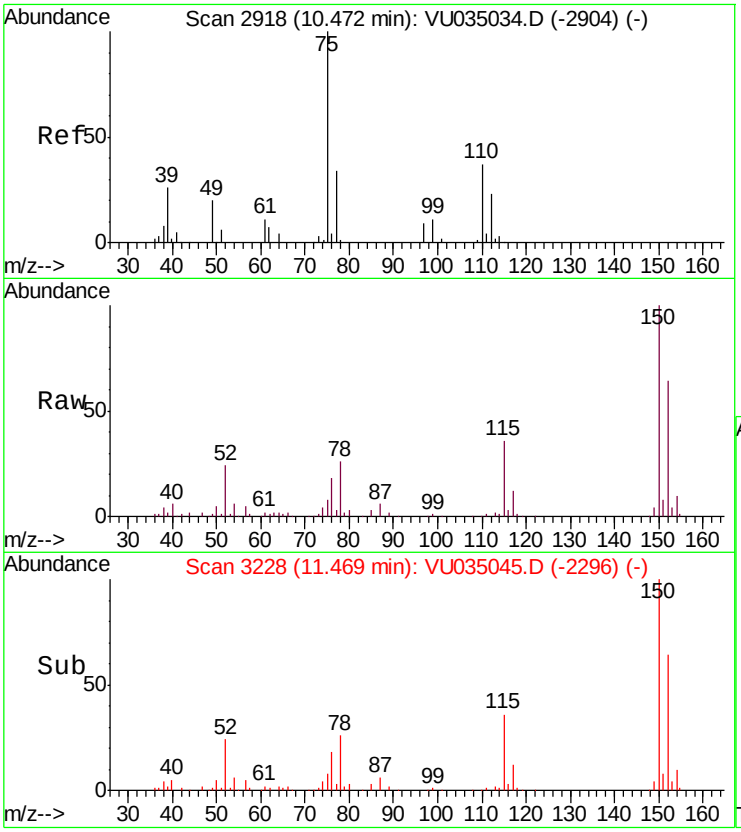


#49
Dibromochloromethane
Concen: 0.220 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. -0.25 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Tgt Ion:129 Resp: 2181

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.927 ug/L
RT: 11.47 min Scan# 3228
Delta R.T. 1.00 min
Lab File: VU035045.D
Acq: 10 Oct 2019 13:56

Instrument :
MSVOA_U
ClientSampleId :
DBAW6

Tgt Ion: 75 Resp: 7746

Ion	Ratio	Lower	Upper
75	100		
77	38.4	26.5	39.7